

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tzvi Avnery

Divisional Application of  
Application No.: 09/883,853

Filed: June 18, 2001

For: GAS CONVERSION SYSTEM

Date: <u>09/19/03</u>
EXPRESS MAIL LABEL NO. <u>EV 215730179 US</u>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
  - ☒ Copies of the cited references are enclosed.
    - ☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
  - ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
    - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

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Examiner

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Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [     ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[     ]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

  
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Concord, MA 01742-9133

Dated:

9/19/2003

<b>PTO-1449 REPRODUCED</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>September 19, 2003</b>  (Use several sheets if necessary)	<b>ATTORNEY DOCKET NO.</b> 2251.2002-009		<b>APPLICATION NO.</b>	
	<b>APPLICANT</b> Tzvi Avnery			
	<b>FILING DATE</b>		<b>CONFIRMATION NO.</b>	<b>GROUP</b>

### U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AA	3,869,362	03/04/1975	Machi et al.
	AB	4,324,759	04/13/1982	Aoki et al.
	AC	4,882,020	11/21/1989	Maezawa et al.
	AD	4,915,916	04/10/1990	Ito et al.
	AE	4,969,984	11/13/1990	Kawamura et al.
	AF	5,015,443	05/14/1991	Ito et al.
	AG	5,041,271	08/20/1991	Aoki et al.
	AH	5,319,211	06/07/1994	Matthews et al.
	AI	5,357,291	10/18/1994	Schonberg et al.
	AJ	5,378,898	01/03/1995	Schonberg et al.
	AK	5,457,269	10/10/1995	Schonberg
	AA2	5,468,356	11/21/1995	Uhm
	AB2	5,523,577	06/04/1996	Schonberg et al.
	AC2	5,539,212	07/23/1996	Matthews et al.
	AD2	5,582,807	12/10/1996	Liao et al.
	AE2	5,693,195	12/02/1997	Saito et al.
	AF2	5,700,311	12/23/1997	Spencer
	AG2	5,744,811	04/28/1998	Schonberg et al.
	AH2	5,770,785	06/23/1998	Tamura et al.
	AI2	5,834,722	11/10/1998	Tokunaga et al.
	AJ2	5,853,680	12/29/1998	Iijima et al.
	AK2	5,993,612	11/30/1999	Rostaing et al.
	AA3	6,077,488	06/20/2000	Jain et al.
	AB3	6,080,281	06/27/2000	Attia
	AC3	4,752,450	06/21/1988	Dietrich et al.

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  September 19, 2003  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 2251.2002-009		APPLICATION NO.	
	APPLICANT Tzvi Avnery			
	FILING DATE	CONFIRMATION NO.	GROUP	

U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME
	AD3	3,761,065	09/25/1973	Rich et al.
	AE3	4,167,466	09/11/1979	Orr, Jr. et al.

EXAMINER	DATE CONSIDERED
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PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <b>September 19, 2003</b>  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 2251.2002-009	APPLICATION NO.	
	APPLICANT Tzvi Avnery		
	FILING DATE	CONFIRMATION NO.	GROUP

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AL	GB 2 173 779 A	22/10/1986	United Kingdom	
	AM	63302924	09/12/1988	Japan (Abstract Only)	
	AN	EP 0 579 105 A1	19/01/1994	EPO	
	AO	WO 97/01386	16/01/1997	PCT	
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	APPLICANT Tzvi Avnery			
	FILING DATE		CONFIRMATION NO.	GROUP

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AR	Tian, C., and Vidal, C.R., "Single to Quadruple Ionization of CO <sub>2</sub> Due to Electron Impact," <i>Phys. Rev. A</i> , 58(5): 3783-3795 (1998).
	AS	Darici, Y., <i>et al.</i> , "Electron Beam Dissociation of CO and CO <sub>2</sub> on ZnS Thin Films," <i>J. Vac. Sci. Technol. A</i> , 17(3), 692-697 (1999).
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